

INTERNATIONAL SEARCH REPORT

Intel nal Application No
PCT/US 03/07790

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60N2/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1 887 947 A (LOUIS C. SVALE) 15 November 1932 (1932-11-15) page 3, left-hand column, line 3 - line 54; figures 1-7	1 10,18,20
A	US 5 195 795 A (RAYMOND C. CANNARA ET AL.) 23 March 1993 (1993-03-23) abstract column 2, line 50 - column 3, line 2 column 4, line 3 - line 36; figures 1,2,4	1-6, 10-20
A	FR 570 858 A (M. BERNARD PODIEBRAD) 8 May 1924 (1924-05-08) the whole document	1-6, 10-14,20
A	-& FR 29 035 E (M. BERNARD PODIEBRAD) 19 May 1925 (1925-05-19) the whole document	1-14
	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

23 June 2003

Date of mailing of the international search report

01/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Cuny, J-M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/07790

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 570 931 A (ELIZABETH M. KARGILIS ET AL.) 5 November 1996 (1996-11-05) abstract; figures 1-5 -----</p>	1-20

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/07790

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 1887947	A	15-11-1932	NONE
US 5195795	A	23-03-1993	NONE
FR 570858	A	08-05-1924	NONE
US 5570931	A	05-11-1996	NONE